

RCA Universal Remote Control

SET UP
INSTRUCTIONS
INSIDE

It Consolidates

LIGHTED DEVICE KEYS:

Shows you what device is being operated... even in the dark.

CUSTOM TV:

Preset up to ten of your favorite stations. Quickly access stations you watch most by pressing a number key.

TRANSMIT/ LOW BATTERY WARNING LIGHTS:

The lights show the remote is working and flash when it's time to change batteries.

CODE SEARCH:

Scans the entire code library to find the right code for your TV, VCR, or Cable Box.

TOLL-FREE CONSUMER HELPLINE:

A customer service representative is ready to help with questions. See the instruction book for details.

Requires Four
(4) AAA Batteries

THIS SYSTEMLINK™ 4+ REMOTE CONTROL IS COMPATIBLE WITH MOST MODELS OF THE FOLLOWING BRANDS

(with infrared controlled components
manufactured after 1984):

TV

Admiral	GE	Mitsubishi	Scott
Akai	Goldstar	Montgomery	Sears
Amtron	Hallmark	Ward	Sharp
Anam National	Hitachi	MTC	Sony
AOC	Infinity	Multivision	Soundesign
Bell & Howell	JBL	NAD	Sylvania
Candle	JCPenney	NEC	*Symphonic
Citizen	Jensen	*Panasonic	Tatung
Colortyme	JVC	Philco	Technics
Concerto	Kawasho	Philips	Techwood
Contec/Cony	Kenwood	Pioneer	Teknika
Craig	Kloss Novabeam	Portland	Telecaption
Curtis-Mathes	KTV	ProScan	TMK
CXC	Loewe	Proton	Toshiba
Daewoo	Luxman	Quasar	Universal
Daytron	LXI	Radio Shack	Victor
Electrohome	*Magnavox	RCA	Vidtech
Emerson	Marantz	Realistic	Wards
Envision	Megatron	Sampo	Yamaha
Fisher	Memorex	*Samsung	Zenith
Funai	MGA	Sanyo	

VCR

Admiral	Harman	NEC	Sony
Aiwa	Kardon	*Panasonic	Sylvania
Akai	Hitachi	Pentax	*Symphonic
Audio Dynamics	Instant Replay	Pentax-	Tandy
Bell & Howell	JCL	Research +	Tashiko
Broksonic	JCPenney	Philco	Tatung
Candle	JVC/Victor	Philips	Teac
Canon	Kenwood	Pioneer	Technics
Capehart	Lloyd	Portland	Teknika
Citizen	Logic	ProScan	TMK
Colortyme	*Magnavox	Quartz	Toshiba
Craig	Marantz	Quasar	Totevision
Curtis-Mathes	Marta	Radio Shack	Unitech
Daewoo	MEI	RCA	Vector
dbx	Memorex	Realistic	Research
Dimensia	MGA	*Samsung	Victor
Dynatech	Midland	Sansui	Video
Electrohome	Minolta	Sanyo	Concepts
Emerson	Mitsubishi	Scott	Videasonic
Fisher	Montgomery	Sears	Wards
Funai	Ward	Sharp	Yamaha
GE	MTC	Shintom	Zenith
Goldstar	Multitech	Signature	

Cable Box

ABC	Hitachi	RCA	Sylvania
Anvision	Jerrold	Randtek	Teknika
Cablestar	Macom	Regal	Texscan
Diamond	Magnavox	Regency	Tocom
Eagle	NSC	Samsung	Unika
Eastern Int.	Oak	Sci. Atlanta	Universal
General	Oak Sigma	Signature	Viewstar
Instruments	Panasonic	Sprucer	Warner
GI 400	Philips	Starcom	Amex
Hamlin	Pioneer	Stargate 2000	Zenith

*Also Works TV/VCR Combinations

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Setting Up Your Universal Remote

Place batteries in the remote

1. Remove the battery compartment cover.
2. Place four AAA batteries as shown, matching the + and - end of each battery as indicated in the battery compartment.
3. Replace the cover.

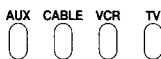


If batteries are removed from the remote, it will require reprogramming.

Determine if your remote needs programming

(Some RCA, GE and ProScan devices may already be pre-programmed.)

1. Press the button of the device you want to control (for example TV).
2. If the device turns on, press another button to confirm (for example CHANNEL UP).
3. If the device you selected (TV) responds, you will not need to program the remote. If the device you selected (TV) does not respond, you will need to program the remote.
4. Repeat steps 1-3 for other devices.



Button Description

Custom TV Button

Sets the remote to bring up favorite channels programmed for a number button. See Page 14.

Code Search Button

Programs devices by searching through brand codes. Use when code lists are not available or when the listed code does not work with device. See page 11.

Device Buttons

(AUX, CABLE, VCR, TV)

Determines which device you are controlling. Buttons light to show which device is selected. (AUX can be set to control a second Cable Box, VCR or TV).

Channel and Sound

(VOL, PREV CH, MUTE, CHAN, ENTER)

Use these buttons to control sound and channel changes.

Number Buttons

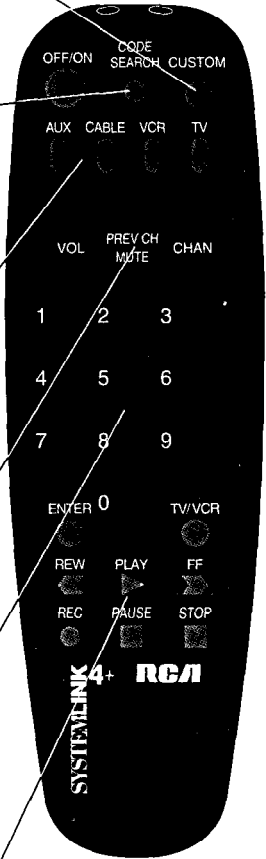
(0-9)

Use these buttons to directly enter channel numbers for a TV, VCR and Cable Box. Also used for entering codes from brand lists and when using Custom TV feature.

VCR Buttons

(TV/VCR, REW, PLAY, FF, REC, PAUSE, STOP)

Use these buttons to control video tape playback and to record.



Programming a TV Using Code Lists

Programming a TV using the Code Lists

1. Find codes for your brand of TV on the next page.

PRESS
& HOLD

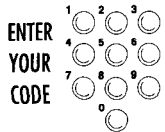


2. Press and hold **CODE SEARCH**.

3. Press and release the **TV** button. When the **TV** button flashes proceed to the next step.



4. Enter the three digit code from the TV code list.



5. Release **CODE SEARCH**.

RELEASE



6. With the TV on, press another button, for example **CHANNEL UP**. If the TV responds, no further programming is required. If the TV does not respond, repeat 2-5 using the next code listed for your brand.



7. Enter your TV code here for easy reference.

TV CODE		

TV Code List

Admiral.....	005	NEC	011,014,019,027,038
Amtron.....	064	Panasonic...	012,013,038,086
Akai	002	Penney	000,008,011,019 027,068,086
Anam National	038	Philco	006,007,010,011 013,016,019,027
AOC.....	011,019,027,088		033,035,037,038 043,087,089
Bell & Howell.....	005	Philips.....	006,007,010,011 013,016,033,035,037
Candle	011,027,033		038,043,066,073
Citizen	011,027,033,064	Pioneer.....	011,027,045 062,093
Colortyme	011,027,084	Portland.....	011,019,027
Concerto.....	011,027	ProScan.....	000
Contec/Cony....	036,037,040 042,064	Proton	011,027,037,072
Craig	064	Quaser	012,038,092
Curtis Mathes	000,011 015,027	Radio Shack.....	000,021,025 036,037,059,064
CXC.....	064	RCA	000,006,011,019,027 034,038,044,046,088
Daewoo	011,019,027	Realistic	021
Daytron	011,027	Sampo.....	011,027
Dimensia	000	Samsung....	006,011,014,015 019,027,036,037,077
Electrohome.....	006,011,014 027,038,061,068	Sanyo	017,021,039 056,057,058
Emerson	006,008,011 026,027,028,029 030,031,032,037 042,053,064,065 067,075,076,079	Scott	028,037,064
Envision.....	011,027	Sears.....	000,006,011,014 017,018,021,023 027,039,040,041 051,071,083
Fisher	017,021,039,041	Sharp....	011,020,025,027,037 052,053,059,060
Funai.....	064	Signature	005,094
GE.....	000,008,009,011 012,027,038,068 086,089,091	Sony	002
Goldstar.....	003,004,006,011 019,027,037,050	Soundesign	011,027,033
Hallmark	011,027	Sylvania.....	006,007,010,011 013,016,027,033 035,043,049 066,087,089
Hitachi .009,011,027,036,037 040,047,048,063,080		Symphonic.....	064,076
Infinity.....	013	Tatung.....	038
JBL.....	013	Technics.....	012
Jensen.....	011,027	Techwood.....	011,027
JVC.....	012,024,036,037 040,048,051,074	Teknika	011,019,027,033 037,040,066
Kawasho.....	002,011,027	Telecaption.....	090
Kenwood....	006,011,014,027	TMK.....	011,027
Kloss Novabeam....	035,043	Toshiba	018,021,023 071,085,090
KTV.....	078	Universal.....	008,009
Loewe	013	Victor	051
Luxman	011,027	Vidtech	019,027
LXI	000,013,018 021,023,054	Wards...000,005,006,007,008 009,010,011,013,019 025,027,028,035,043 059,066,076,082,089	
Magnavox ..006,007,010,011 013,016,027,033 035,043,066,087,089		Yamaha.....	006,014,019,027
Marants	013	Zenith	001
Marantz	011,013,027,069		
Memorex.....	005		
MGA006,011,014,019,022 027,041,056,061,068			
Mitsubishi ..006,011,014,019 022,027,041,055 056,061,068			
MTC.....	011,019,027		
Multivision	081		
NAD	018,023		

Programming a VCR Using Code Lists

Programming a VCR using the Code Lists

1. Find codes for your brand of VCR on the next page.

PRESS
& HOLD

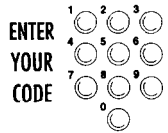


2. Press and hold **CODE SEARCH**.

3. Press and release the **VCR** button. When the **VCR** button flashes proceed to the next step.



4. Enter the three digit code from the VCR code list.



5. Release **CODE SEARCH**.

RELEASE



6. With the VCR on, press another button, for example **CHANNEL UP**. If the VCR responds, no further programming is required. If the VCR does not respond, repeat 2-5 using the next code listed for your brand.



7. Enter your VCR code here for easy reference.

VCR CODE		

VCR Code List

Admiral	006	Pentax	005,035,044
Aiwa.....	015	Pentex Research.....	046
Akai.....	003,017,022	Philco	008,029,053,056
	023,063,066	Philips	008,029
Audio Dynamics	014,016	Pioneer.....	005,016,033,050
Bell & Howell	002	Portland	044,045,052
Broksonic	010	ProScan	000
Candle.....	007,009,013,044	Quartz.....	002
	045,046,052	Quasar.....	008,053
Canon.....	008,053	RCA.....	000,005,007,008,028
Capehart.....	001		035,037,054,069
Citizen.....	007,009,013,044	Radio Shack/Realistic	
	045,046,052		002,006,008,009,012
Colortyme	014		015,019,027,043,053
Craig.....	007,012	Samsung	007,013,022
Curtis-Mathes	000,007		032,042
	008,014,015,044	Sansui.....	016,071
	046,053,064,067	Sanyo.....	002,012
Daewoo.....	013,045,052	Scott.....	004,013,041,049,068
dbx.....	014,016	Sears	002,005,009,012,018
Dimensia	000		019,035,043,048
Dynatech	015	Sharp ...	006,024,027,039,045
Electrohome	027	Shintom	017,026,031,035
Emerson.....	008,009,010,013	Signature	015
	015,020,023,027	Sony.....	017,026,038
	034,041,042,047	Sylvania	008,015,029
	057,062,065,067		053,056
	068,070	Symphonic	015
Fisher	002,012,018,019	Tandy	002,015
	043,048,058	Tashiko.....	009
Funai	015	Tatung	030
GE.....	000,007,008,032,053	Teac.....	015,030,069
Goldstar	009,014,046,060	Technics	008
Harman Kardon	014	Teknika	008,009,015,021
Hitachi	005,015,035,036	Toshiba.....	005,013,019
Instant Replay.....	008		048,049
JCL.....	008	Totevision	007,009
JC Penney	002,005,007	TMK	067
	008,014,016,030	Unitech	007
	035,051,053	Vector Research	014,016
JVC	002,014,016,030,046		044
Kenwood	002,014,016	Victor.....	016
	030,044,046	Video Concepts	014
Lloyd.....	015		016,044
Logik	031	Videosonic.....	007
Magnavox.....	008,029	Wards	005,006,007,008
	053,056		009,012,013,015
Marantz	002,008,014		025,027,031,035
	016,029,030	Yamaha	002,014,016
	044,046,061		030,046
Marta.....	009	Zenith.....	011,017,026
MEI.....	008		
Memorex ...	008,009,012,015		
MGA	004,027		
Midland	032		
Minolta	005,035		
Mitsubishi	004,005,027		
	035,040		
Montgomery Ward	006		
MTC	007,015		
Multitech ...	007,015,031,032		
NEC.....	002,014,016,030		
	044,046,059,061,064		
Panasonic	008,053		

Programming a Cable Box Using Code Lists

Programming a Cable Box using the Code Lists

1. Find codes for your brand of Cable Box on the next page.

PRESS
& HOLD



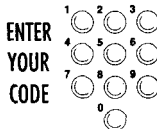
2. Press and hold **CODE SEARCH**.

3. Press and release the **Cable** button. When the **Cable** button flashes proceed to the next step.

CABLE



4. Enter the three digit code from the Cable Box code list.



5. Release **CODE SEARCH**.

RELEASE



6. With the Cable Box on, press another button, for example **CHANNEL UP**. If the Cable Box responds, no further programming is required. If the Cable Box does not respond, repeat 2-5 using the next code listed for your brand.



7. Enter your Cable Box code here for easy reference.

CABLE BOX		

Cable Box Code List

ABC.....	022,046,053,054	Pioneer.....	018,020,044
Anvision.....	007,008	RCA.....	000,027
Cablestar.....	007,008	Randtek.....	007,008
Diamond.....	056	Regal.....	003,012,013
Eagle.....	007,008	Regency.....	002,033
Eastern Int.	002	Samsung.....	044
General Instrument*	046	Sci. Atlanta*.....	003,022,025
GI 400*	004,005,015,023	Signature.....	046
	024,025,030,036	Sprucer.....	027
Hamlin.....	003,012,013	Starcom.....	046
	034,048	Stargate 2000.....	058
Hitachi.....	037,043,046	Sylvania.....	011,059
Jerrold*	004,005,015,023	Teknika.....	006
	024,025,030,036	Texscan.....	010,011,059
	045,046,047	Tocom.....	017,021,049
Macom.....	037,043		050,055
Magnavox.....	007,008,019	Unika.....	031,032,041
	021,026,028	Universal.....	051,052
	029,032,033	Viewstar.....	007,008,019
	029,032		021,026,028
NSC.....	009		029,032,033
Oak*.....	001,016,038		040,041
Oak Sigma.....	016	Warner Amex.....	044
Panasonic.....	003,027,039	Zenith*	014,042,057,061
Philips.....	007,008,019,021		
	026,028,029,032		
	033,040,041		

* See Special Operations notes on page 15

Operating A TV/VCR Combo Unit

Some TV/VCR combination units may be controlled by using a combination of TV and VCR codes. For example, the Samsung TV/VCR combo unit may be controlled by both the Samsung TV code and the Samsung VCR code.

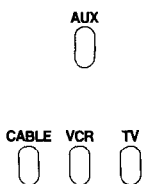
Programming AUX Using Code Lists

The AUX Button can be used to program a second TV, VCR or Cable Box.

1. Press and hold **CODE SEARCH**.

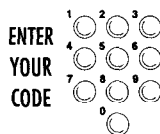


2. Press and release the **AUX** button first and then the device to be programmed (**TV, VCR, Cable Box**). When the selected device button flashes proceed to the next step.



3. Enter the three digit code from the TV, VCR or Cable Box code list found on the following pages.

<u>Device</u>	<u>Page</u>
TV	5
VCR	7
Cable Box	9



4. Release **CODE SEARCH**.



5. With the device on, press another button, for example **CHANNEL UP**. If the device responds, no further programming is required. If the device does not respond, repeat 1-5 using the next code listed for your brand.



6. Enter your AUX code here for easy reference.

AUX CODE

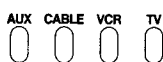
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Set-Up Using Code Search

Follow the steps below to set up your remote using the Code Search method. If you complete these steps and your device does not respond, follow the Code List method for your device.

Programming a Device using CODE SEARCH

1. Manually turn on your device (TV, VCR, Cable Box).
2. Press and hold **CODE SEARCH**.
3. Press and release the device button you want to set up (TV, VCR, or CABLE). If you are using AUX for a device, press and release AUX, then the device button for the type of device to be programmed (TV, VCR, or CABLE). The selected device button will flash once.
4. Release **CODE SEARCH**.
5. Press **OFF/ON** repeatedly until the device turns off (**Important: you may have to press up to 100 times at a rate of once per second**).
6. Once the device turns off, press and release **ENTER**.
7. With the device on, press another button, for example **CHANNEL UP**. If the device responds, no further programming is required. If the device does not respond, repeat steps 1-7.



OFF/ON



ENTER

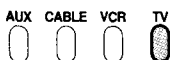


CHAN

Operating A TV

Turning the TV On and Off

1. Press **TV** to set the remote to control the TV (Most RCA, GE and ProScan models will only turn on when TV is pressed, not **OFF/ON**).



2. Press **OFF/ON** to turn the TV on or off.

OFF/ON



Change Channels on the TV

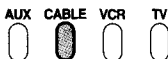
Press **CHANNEL UP** or **CHANNEL DOWN** to change channels on the TV or enter the channels as you would normally for your TV.



Operating A Cable Box

Turning the Cable Box On and Off

1. Point the remote at the cable box and press **CABLE**.



2. Press **OFF/ON** to turn it on or off.

OFF/ON



Changing Channels on the Cable Box

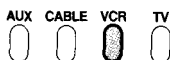
Press **CHANNEL UP** or **CHANNEL DOWN** to change channels on the cable box or enter the channel as you would normally for your cable box.



Operating A VCR

Turn the VCR On and Off

1. Press **VCR** to set the remote to control the VCR. (Most RCA, GE and ProScan models will only turn on when pressing VCR not OFF/ON).



2. Press **OFF/ON** to turn the VCR on or off.

OFF/ON



Watch a tape in your VCR

1. Turn on the VCR.
2. Insert a tape in the VCR.
3. Press **PLAY** to start the tape.
4. Press **STOP** when you are finished.
5. Press **REW** to rewind the tape.
6. Press **PAUSE** to pause the tape.
7. Press **FF** to fast forward the tape.

PLAY



STOP



REW



PAUSE



FF

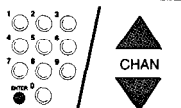


Record one channel and watch another.

1. Press **VCR** to set the remote to control the VCR.



2. Tune the VCR to the channel you want to record.



3. Press **REC** to start recording.

REC

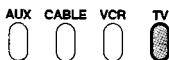


4. Press **TV/VCR**.

TV/VCR



5. Press **TV** to set the remote to control the TV.



6. Press **CHANNEL UP** or **DOWN** to change channels on the TV.



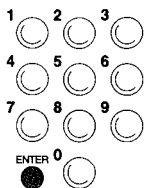
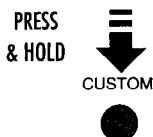
7. To see the channel you are recording, tune the TV to channel 3 or 4 (same as CH3/4 switch on the VCR).

Custom TV (Systemlink Exclusive)

The **CUSTOM** button allows you to store 10 of your favorite TV channels in memory. You can access these channels using the remote's number buttons. Follow the steps below to program channels to each of the number buttons.

Programming the Custom Button

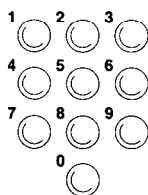
1. Press and hold **CUSTOM**.
2. Press the number (0-9) you want to use to bring up the custom channel. For example, if you want to program channel 12 to the number 1 button, press 1.
3. Enter the channel number as you would normally. Up to three buttons may be pressed, including the **ENTER** button.
4. Release **CUSTOM**. The Custom button will flash once if programming was successful. If it does not flash, it was not programmed. Try again.
5. Repeat steps 1-4 for each additional channel.



Using the CUSTOM feature

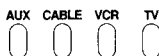
1. Press and release **CUSTOM**.
2. Press a number button to bring up the Custom channel programmed. Custom will flash if the button has been programmed. There will be a slight delay as channels change, so be sure to hold the number button down until the channel changes.
3. The **CHANNEL UP** or **DOWN** keys can now be used to cycle through all programmed number buttons while in the Custom mode.

CUSTOM



To Turn off the Custom Feature

Press any device button (**TV**, **VCR**, **CABLE**, **AUX**) to exit the remote from the Custom mode and place it in normal operating mode.



Special Operations

RCA, GE and PROSCAN Brand Devices:

Many of these devices (TVs and VCRs) do not need to be programmed. In the event that programming is required, the code search method is suggested.

Note: With these brands, the device button (TV, VCR) will usually turn the units on. The OFF/ON button will only turn these devices off.

SCIENTIFIC ATLANTIC Cable Boxes:

This brand of cable box can be programmed using the code search method by using the **CHANNEL UP** key rather than **OFF/ON** during Code Search. NOTE: The device must be turned on prior to beginning the code search. Once the device turns off, press and release **ENTER**. In most cases this cable box can be turned on and off using the **CHANNEL UP** key not the **OFF/ON** button. If the unit will not turn on using the **CHANNEL UP** key, then manually turn it on and only partial compatibility will be achieved.

JERROLD or GENERAL INSTRUMENTS Cable Boxes:

These units can be programmed using the code search method. In some cases, these devices will change channels during the code search. Continue until the unit turns off, then press and release **ENTER**.

ZENITH and OAK Cable Boxes:

Some Zenith and Oak Cable Boxes require pressing **CHANNEL DOWN** rather than **ENTER** after numeric entry.

Low Battery Warning:

When your batteries are weak, the device keys will light sequentially indicating it is time to change batteries.

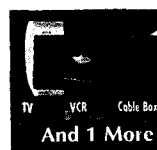
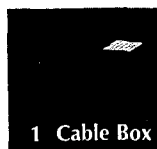
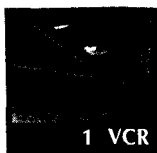
Remote Does Not Respond:

If remote does not respond or "locks up" and your device does not respond to commands, remove the batteries and press the number 1 on the keypad for 60 seconds. Then reinstall the batteries and reprogram the remote for each of your devices.

RCA Universal Remote

Consolidates 4 into 1

REPLACES
4+
REMOTES



▼
**Plus 4
Lighted
Device
Keys**

Light when
remote is in
use to indicate
which device it
is controlling



MULTI-BRAND USE

See back
for details
Requires
4 AAA Batteries
RCU400